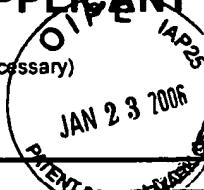


Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 1 of 1



Application Number	10/748010
Filing Date	December 30, 2003
First Named Inventor	Noelle, Randolph J.
Art Unit	1653 — 1646
Examiner Name	Unknown
Attorney Case Number	58281US004

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US-			
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			

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	B1						
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	B6						
	B7						

OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
CK	C1	Gorden et al., "Synthetic TLR Agonists Reveal Functional Differences between Human TLR7 and TLR8", <u>The Journal of Immunology</u> , 2005, Vol. 174, pgs. 1259-1268.	
CK	C2	Sauder et al., "Randomized, Single-Blind, Placebo-Controlled Study of Topical Application of the Immune Response Modulator Resiquimod in Healthy Adults", <u>Antimicrobial Agents and Chemotherapy</u> , December 2003, Vol. 47, No. 12, pgs. 3846-3852.	
	C3		

*Examiner:	/Claire Kaufman/	Date Considered:	09/11/2006
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Substitute for form 1449A/PTO (modified)

Application Number

10/748010

Filing Date

December 30, 2003

First Named Inventor

Noelle, Randolph J.

Art Unit

1653 1646

Examiner Name

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Attorney Case Number

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U.S. Patent Documents

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		Doc. Number-(Kind Code if Known)			
CK	A1	US- 2003/0022302 A1	01-30-2003	Lewis et al.	
CK	A2	US- 2004/0023870 A1	02-05-2004	Dedera et al.	
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			

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		Ctry. Code	Number-KindCode (if known)				
CK	B1	WO	03/089602	10-30-2003	Yale Univ.		
	B2						
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Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
CK	C1	Akira S. et al., "Recognition of pathogen-associated molecular patterns by TLR family", <u>Immunology Letters</u> , 2003, Vol. 85, pgs. 85-95.	
CK	C2	Ozinsky A. et al., "The repertoire for pattern recognition of pathogens by the innate immune system is defined by cooperation between Toll-like receptors", <u>Proc. Natl. Acad. Sci.</u> , December 2000, Vol. 97, No. 25, pgs. 13766-13771.	
	C3		

*Examiner:	/Claire Kaufman/	Date Considered:	09/11/2006
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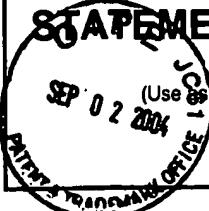
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Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/748,010
Filing Date	December 30, 2003
First Named Inventor	Randolph J. Noelle
Art Unit	1655 1646
Examiner Name	Unknown
Attorney Case Number	58281US004

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		Doc. Number-(Kind Code if Known)			
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	A3	US- 4,929,624	05-29-1990	Gerster et al.	
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Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 2 of 6

Application Number	10/748,010
Filing Date	December 30, 2003
First Named Inventor	Randolph J. Noelle
Art Unit	1650
Examiner Name	Unknown
Attorney Case Number	58281US004

U.S. Patent Documents

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Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/748,010
Filing Date	December 30, 2003
First Named Inventor	Randolph J. Noelle
Art Unit	1053
Examiner Name	Unknown
Attorney Case Number	58281US004

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number <small>Doc. Number-(Kind Code if Known)</small>	Publication Date or Issue Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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CK	A81	US- 2004/0010007 A1	01-15-2004	Dellaria et al.	
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Date Considered:

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	December 30, 2003
(Use as many sheets as necessary)		First Named Inventor	Randolph J. Noelle
Page 4 of 6		Art Unit	1655
		Examiner Name	Unknown
		Attorney Case Number	58281US004

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
CK	B1	EP	0 394 026	10-24-1990			X
	B2	EP	1 104 764 A1	06-06-2001			X
	B3	JP	9-208584	08-12-1997			
	B4	JP	11-80156	03-26-1999	(translation only)		X
	B5	JP	11-222432	08-17-1999			X
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	B15	WO	02/46189 A2	06-13-2002			X
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	B20	WO	02/46194 A2	06-13-2002			X
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	December 30, 2003
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Page 5 of 6		Art Unit	T653-
		Examiner Name	Unknown
		Attorney Case Number	58281US004

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)		
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	C2	Chollet, et al, "Development of a Topically Active Imiquimod Formulation", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999)
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	C6	Hemmi et al., "Small anti-viral compounds activate immune cells via the TLR7 MyD88-dependent Signaling pathway", <u>Nature Immunology</u> , vol. 3, no. 2; February 2002; pgs. 196-200.
	C7	Medzhitov, "Toll-Like Receptors and Innate Immunity", <u>Nature Reviews Immunology</u> , Vol. 1; November 2001, pgs. 135-145.
	C8	Jurk et al. "Human TLR7 and TLR8 independently confer responsiveness to the antiviral compound R-848", <u>Nature Immunology</u> , June 2002, vol. 3, no. 6; pg. 1.
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	C15	Mackay,; "Dual Personality of Memory T cells", <u>Nature</u> , 1999; Vol. 401, pp. 659-660.
	C16	Weninger et al.; Migratory Properties of Naive, Effector, and Memory CD8+ T Cell, <u>J. Exp. Med.</u> , Oct. 2001; Vol. 194, No. 7, pp. 953-966.
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*Examiner:

Date Considered:

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Substitute for form 1449A/PTO (modified)		Application Number	10/748,010
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	December 30, 2003
(Use as many sheets as necessary)		First Named Inventor	Randolph J. Noelle
Page 6 of 6		Art Unit	1655- 1646
		Examiner Name	Unknown
		Attorney Case Number	58281US004

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CK	C19	Kedl et al, "T Cells Compete for Access to Antigen-Bearing Antigen-Presenting Cells", <u>J. Exp. Med.</u> , Vol. 192, No. 8, pp. 1105-1113.

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Page 1 of 1		Art Unit	1633 1646
		Examiner Name	Unknown
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A1	US- 5,708,142	DUPT. TOTALLY	04-13-1998	Goeddel et al.	
A2	US-				
A3	US-				
A4	US-				
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A6	US-				
A7	US-				
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A10	US-				
A11	US-				

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	C2				
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Information Disclosure Statement)

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/748010
Filing Date	December 30, 2003
First Named Inventor	Noelle, Randolph J.
Art Unit	1633 1646
Examiner Name	Unknown
Attorney Case Number	58281US004

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	A6	US-			
	A7	US-			
	A8	US-			
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Foreign Patent Documents

Exam. Int'l.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
	B1						
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OTHER DOCUMENTS

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